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UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/842,207 Confirmation No. : 5397  
Applicant : John MANSBRIDGE, et al.  
Filed : April 26, 2001  
TC/A.U. : 2633  
Examiner : K M NEGASH  
Docket No. : 3036/49909  
Customer No. : 23911  
Title : Demultiplexer Control System

SUBMISSION OF SUBSTITUTE SPECIFICATION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

July 29, 2004

AUG 03 2004

Technology Center 2600

Sir:

In response to the Examiner's requirement in the Office Action dated April 29, 2004, please accept the attached Substitute Specification and a marked-up copy of the original specification. I certify that said substitute specification contains no new matter and includes the changes indicated in the marked-up copy of the original specification.

Respectfully submitted,

Gary R. Edwards

Registration No. 31,824

CROWELL & MORING LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844  
GRE:kms  
330469v1